

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Form ACO-1
September 1999
Form Must Be Typed

8/26/10

Operator: License # 33365
Name: Layne Energy Operating, LLC
Address: 1900 Shawnee Mission Parkway
City/State/Zip: Mission Woods, KS 66205
Purchaser: _____
Operator Contact Person: Timothy H. Wright
Phone: (913) 748-3960
Contractor Name: Thornton Air Rotary
License: 33606
Wellsite Geologist: _____

Designate Type of Completion:
____ New Well ____ Re-Entry ____ Workover
____ Oil ____ SWD ____ SIOW ____ Temp. Abd.
 Gas ____ ENHR ____ SIGW
____ Dry ____ Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-entry: Old Well Info as follows:

Operator: _____
Well Name: _____
Original Comp. Date: _____ Original Total Depth: _____
____ Deepening ____ Re-perf. ____ Conv. to Enhr./SWD
____ Plug Back ____ Plug Back Total Depth
____ Commingled Docket No. _____
____ Dual Completion Docket No. _____
____ Other (SWD or Enhr.?) Docket No. _____

5/8/2008 5/9/2008 8/25/2008
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 125-31604-00-00 AMENDED
County: Montgomery
____ S2 ____ SW ____ NE Sec. 16 Twp. 31 S. R. 16 East West
2231 feet from S / N (circle one) Line of Section
1999 feet from E W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Martin Well #: 7-16
Field Name: Cherokee Basin Coal Area

Producing Formation: Cherokee Coals
Elevation: Ground: 819' Kelly Bushing: _____
Total Depth: 1086' Plug Back Total Depth: 1085'
Amount of Surface Pipe Set and Cemented at 21 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from 1085
feet depth to Surface w/ 160 sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content N/A ppm Fluid volume _____ bbls
Dewatering method used N/A - Air Drilled
Location of fluid disposal if hauled offsite: _____
Operator Name: _____
Lease Name: _____ License No.: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Docket No.: _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature: [Signature]
Title: Project Engineer Date: 11/25/08
Subscribed and sworn to before me this 25 day of November,
20 08.
Notary Public: MacLaughlin Darling
Date Commission Expires: 1-4-2009

MACLAUGHLIN DARLING
Notary Public - State of Kansas
My Appt. Expires: 1-4-2009

KCC Office Use ONLY
Y Letter of Confidentiality Attached
If Denied, Yes Date: _____
____ Wireline Log Received
____ Geologist Report Received
RECEIVED
KANSAS CORPORATION COMMISSION
NOV 26 2008

CONSERVATION DIVISION
WICHITA, KS

Operator Name: Layne Energy Operating, LLC Lease Name: Martin Well #: 7-16
Sec. 16 Twp. 31 S. R. 16 [X] East [] West County: Montgomery

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken [] Yes [X] No [X] Log Formation (Top), Depth and Datum [] Sample
Samples Sent to Geological Survey [X] Yes [] No Name Top Datum
Cores Taken [] Yes [X] No Pawnee Lime 522 GL 297
Electric Log Run [X] Yes [] No Excello Shale 662 GL 157
List All E. Logs Run: V-Shale 711 GL 108
Compensated Density Neutron Mineral Coal 748 GL 71
Dual Induction Mississippiian 1068 GL -249

CASING RECORD [X] New [] Used
Report all strings set-conductor, surface, intermediate, production, etc.
Table with columns: Purpose of String, Size Hole Drilled, Size Casing Set (In O.D.), Weight Lbs. / Ft., Setting Depth, Type of Cement, # Sacjs Used, Type and Percent Additives.

ADDITIONAL CEMENTING / SQUEEZE RECORD
Table with columns: Purpose, Depth Top Bottom, Type of Cement, #Sacks Used, Type and Percent Additives.

PERFORATION RECORD - Bridge Plugs Set/Type
Specify Footage of Each Interval Perforated
Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth
See Attached Page
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TUBING RECORD Size 2-3/8" Set At 1067' Packer At Liner Run [] Yes [X] No
Date of First, Resumerd Production, SWD or Enhr. 8/29/2008 Producing Method [] Flowing [X] Pumping [] Gas Lift [] Other (Explain)
Estimated Production Per 24 Hours Oil 0 Bbls. Gas 35 Mcf Water 0 Bbls. Gas-Oil Ratio Gravity

Disposition of Gas [] Vented [X] Sold [] Used on Lease [] Open Hole [X] Perf. [] Dually Comp. [X] Commingled
METHOD OF COMPLETION Production Interval
(If vented, Submit ACO-18.) [] Other (Specify)

Operator Name:	Layne Energy Operating, LLC.		
Lease Name:	Martin 7-16		
	Sec. 31 Twp. 16S Rng. 16E, Montgomery County		
API:	15-125-31604-00-00		
Shots per Foot	Perforation Record	Acid, Fracture, Shot, Cement Squeeze Record	Depth
Initial Perforations (August 2008)			
4	Riverton 1064.5' - 1067.5'	3800 lbs 20/40 sand 247 bbls water 300 gals 15% HCl acid	1064.5' - 1067.5'
4	Mineral 748' - 750'	3200 lbs 20/40 sand 147 bbls water 300 gals 15% HCl acid	748' - 750'
4	Croweburg 711.5' - 714' Iron Post 689' - 690.5'	6000 lbs 20/40 sand 370 bbls water 400 gals 15% HCl acid	689' - 714'
4	Mulky 662' - 668'	7700 lbs 20/40 sand 563 bbls water 680 gals 15% HCl acid	662' - 668'
4	Summit 641' - 643'	2700 lbs 20/40 sand 176 bbls water 200 gals 15% HCl acid	641' - 643'

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